

ABSTRACT OF THE DISCLOSURE

An apparatus for providing a driving signal to an organic light emitting diode in an image display device includes gate lines for transferring previous and current gate signals, respectively, in a sequential process for providing the driving signal to the organic light emitting diode, a data line for transferring a data signal for displaying images on the image display device, a first switching transistor including a conduction path for transferring the data signal from the data line in response to the current gate signal; a second switching transistor including a conduction path for transferring a reference signal externally supplied in response to the previous gate signal, a third switching transistor including a conduction path for transferring the data signal provided from the first switching transistor in response to a state of the second switching transistor, and a fourth switching transistor including a conduction path for receiving a bias voltage and generating the driving signal to the organic light emitting diode in response to one of the reference signal from the second switching transistor and the data signal from the third switching transistor. The third and fourth switching transistors have switching characteristics substantially identical to each other.